



(43) International Publication Date
24 February 2005 (24.02.2005)

PCT

(10) International Publication Number
WO 2005/018237 A1

- (51) **International Patent Classification⁷:** **H04N 9/31**

(21) **International Application Number:** **PCT/US2004/017842**

(22) **International Filing Date:** **4 June 2004 (04.06.2004)**

(25) **Filing Language:** **English**

(26) **Publication Language:** **English**

(30) **Priority Data:**
60/491,100 30 July 2003 (30.07.2003) US

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(81) **Designated States (unless otherwise indicated, for every kind of national protection available):** AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) **Designated States (unless otherwise indicated, for every kind of regional protection available):** ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:
— *with international search report*

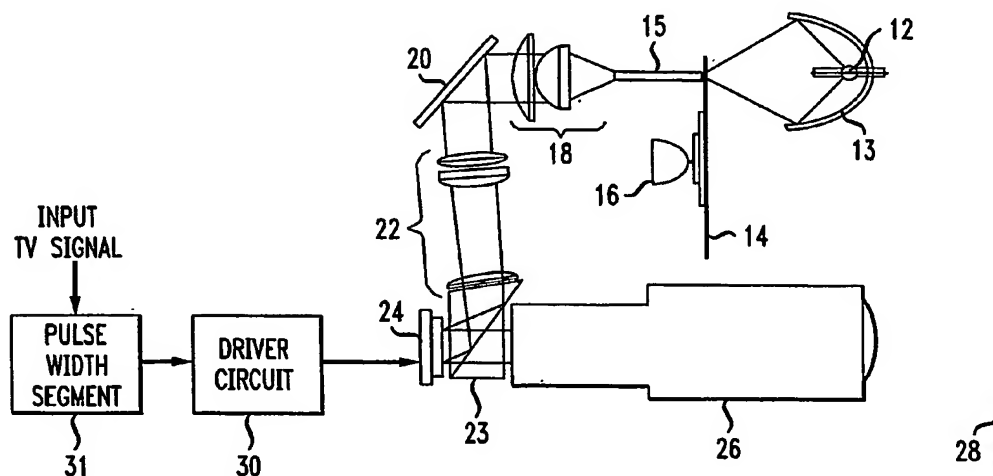
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Published:

— *with international search report*

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- (54) Title:** SPOKE LIGHT COMPENSATION FOR MOTION ARTIFACT REDUCTION



- (57) Abstract:** A sequential color display system (10) includes a color changer (14, 16) that causes each of a set of primary colors to appear on an imager that illuminates each of a plurality of pixels on a display screen. A controller (30, 31) applies control signals to the imager to control the pixel brightness for each color. Each time the color changer transitions from one primary color to another, a spoke (18) occurs, and mixed light of two colors will illuminate the imager. The controller causes the imager to use such spoke light when the brightness level for each color for the associated pixel exceeds a prescribed threshold. When making use of the spoke light, the controller alters the control signal to decrease brightness of at least one primary color in substantial time proximity to the occurrence of the spoke to compensate for the brightness increase caused by using the light during the spoke.

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